

River & Plateau Committee (RAP)

<p style="text-align: center;"><u>March 2021</u></p> <p><u>HAB Meeting Date:</u> Mar 17-18</p> <p><u>Meeting Date:</u> no committee meeting placeholder</p> <p><u>Committee Call Date:</u> all committee calls cancelled due to facilitation contract transition</p>	<p style="text-align: center;"><u>April 2021</u></p> <p><u>Meeting Date:</u> Apr 13 placeholder</p> <p><u>Committee Call Date:</u> Apr 28 placeholder conflicts with Leadership Workshop</p> <p><u>Leadership Workshop:</u> April 28-29 (rescheduled from May)</p>	<p style="text-align: center;"><u>May 2021</u></p> <p><u>Meeting Dates:</u> May 11 placeholder</p> <p><u>Committee Call Dates:</u> May 26 placeholder</p>	<p style="text-align: center;"><u>Jun 2021 – Sep 2021</u></p> <p><u>Meeting Dates:</u> Aug 10 placeholder</p> <p><u>Committee Call Dates:</u> Jun 23, Aug 25 & Sep 29 placeholders</p> <p><u>HAB Meeting Dates:</u> Jun 9-10 and Sep 22-23</p>
	<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business ○ Future meeting topics 	<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business ○ Future meeting topics 	<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business ○ Future meeting topics
	<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ 324 operations (update & status) ○ RAP work plan & input for Leadership Workshop ○ M-91 info from IM team & decision on future RAP work ○ CIE briefing & develop framing questions for Sep/Oct groundwater topic ○ Responses to HAB advice (all TPA agencies) - #308 B Plant ○ Inner Area Principles & RASCAL teams (link/input to PIC draft advice on key documents) 	<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ Possible joint RAP & TWC meeting ○ Tier II EE/CA (EPA briefing) ○ ERDF update (EPA briefing?) ○ PRF rubble removal update ○ K Basin garnet filter media removal ○ M-91 work identified in April 	<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ Talk with TWC about AX & A tank farms – vadose zone, closure & risk ○ Summer – PFP ○ Aug – CIE update ○ Sep/Oct /Nov – Groundwater. See items #12, #14, #15 & PFP, plus RCRA groundwater monitoring & annual groundwater monitoring report/plume update. Carbon tetrachloride remedial optimization update. Link to CA/CIE. ○ Learn from other long-term stewardship sites

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
1	<p>Name: 200-W Pump and Treat Optimization – Carbon Tetrachloride</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> • . <p>Framing Questions</p> <ul style="list-style-type: none"> • Requested briefing • 2014 ROD says 95% contaminant reduction in 25 years of pumping and compliance. 2014 PNNL study says carbon tetrachloride will take ~630 years instead of 41 years to decay. Plume core is bigger than anticipated. • What are solutions? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> • . 		
2	<p>Name: 324 Building</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p> <p>Other Notes: Brian Vance indicated at the HAB meeting on December 9, 2020 that this topic is ripe for discussion in January, February, March 2021</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> • RAP requests regular briefings because this is a very high-risk project close to the Tri-Cities and the Columbia River. <p>Framing Questions</p> <ul style="list-style-type: none"> • How has COVID impacted the schedule? What milestones are going to need to move? • Have work modifications been made to prevent additional contamination spread to work force? • CHPRC did some calculations based on a PNNL report that says that up to ~700 gallons of water a day can be used during excavation without impacting groundwater. Interested in these calculations. • It is anticipated that the wastes will eventually go to ERDF. How does this fit with ERDF's waste acceptance criteria since the contamination is tank waste? • Is a 3D image of contamination available? What is the history/age of the building and the lead (when did it occur)? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> • . 		

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3	Name: 618-11 Key upcoming dates: Public Comment Period: Next meeting:	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none">• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		
4	Name: A and AX Tank Farms Key upcoming dates: March? Public Comment Period: Next meeting: Joint topic with TWC	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none"> • What is in and/or moving in the vadose zone? • What does closure mean? • What is the associated risk? HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		
5	Name: Budgetary Impacts on River & Plateau Work Key upcoming dates: Public Comment Period: Next meeting: Joint topic with BCC	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none">• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		

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6	<p>Name: Canyons - Demolition and Disposition</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> . <p>Framing Questions</p> <ul style="list-style-type: none"> What is the order of the planned demolition of Canyons, other than B Plant? Update on thinking re: Canyons. Can waste be put there? Grout? What are long-term ideas on demolition or other uses? Overflow from tanks into a “chemical sewer” purposeful discharges. What is the plan for dealing with these related to the canyons? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		
7	<p>Name: Carbon Tetrachloride Optimization</p> <p>Key upcoming dates:</p> <p>Public Comment Period: No public comment period</p> <p>Next meeting:</p> <p>Other Notes: Topic requested by a RAP member in November 2020. EPA project team doing study in a 5–7-year effort. Not yet ripe. Annual update might make sense. Could be part of general groundwater discussions, e.g., annual pump and treat report.</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> . <p>Framing Questions</p> <ul style="list-style-type: none"> . <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		

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8	Name: Central Plateau Characterization Key upcoming dates: Public Comment Period: Next meeting:	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none">• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		
9	Name: Central Plateau Facility Schedule Key upcoming dates: Public Comment Period: Next meeting:	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none"> • Plutonium Finishing Plant slab sampling • Non-time critical removal actions: B Plant, PUREX, REDOX. HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		
10	Name: Central Plateau Principles and Procedures Key upcoming dates: PIC meeting on March 16 is considering draft advice on public involvement related to documents like the Central Plateau Principles Public Comment Period: Next meeting: Other Notes: Requested by RAP vice chair in November 2020	Policy Issue(s) <ul style="list-style-type: none"> • Document added by reference to the TPA • Formalizes RASCAL teams. Framing Questions <ul style="list-style-type: none">• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none"> • HAB Advice #283. • May lead to the development of additional draft advice 		

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11	<p>Name: Composite Analysis (CA)</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting: Joint topic with TWC</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> DOE produces annual reports on groundwater monitoring and composite analysis of radionuclides on the site A new modeling tool, the Cumulative Impact Evaluation (CIE) quilts together all the groundwater models on site Hanford Site Disposition Baseline (HSDB) <p>Framing Questions</p> <ul style="list-style-type: none"> What is the Composite Analysis? The CIE includes the CA Request for annual updates Questions about iodine and technetium – are there reports that provide an over-arching picture of these isotopes? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		
12	<p>Name: Cumulative Impact Evaluation Update</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting: Requested topic for April 2021 RAP meeting</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> DOE produces annual reports on groundwater monitoring and composite analysis of radionuclides on the site A new modeling tool, the Cumulative Impact Evaluation (CIE) quilts together all the groundwater models on site <p>Framing Questions</p> <ul style="list-style-type: none"> Request for annual update Request for briefing Develop framing questions for yearly overview of groundwater topic for a Sep/Oct 2021 RAP meeting Is there something new? Are there new final (not draft) documents? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		

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13	<p>Name: Environmental Restoration Disposal Facility (ERDF)</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p> <p>Other Notes: Topic requested at October 2019 COTW</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> . <p>Framing Questions</p> <ul style="list-style-type: none"> EPA and Ecology were concerned that the soils used to ensure that DDDD wastes are properly disposed are clean, rather than contaminated. “Dirty dirt” is a more appropriate fill source, since there is no shortage on the site, and space may be limited. How much space do we need, and how much space do we have remaining in ERDF? Where does ERDF stand in regard to its total limits on certain radionuclides? Is there a publicly available performance assessment for ERDF? Who decides whether a waste is appropriate for ERDF? <p>HAB Products <i>(may include due dates)</i></p> <ul style="list-style-type: none"> HAB Advice #2, #75, #219, and #281 Work on this topic may develop into additional draft advice 		
14	<p>Name: Gable Pond Cover/Cap</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p> <p>Other Notes: Topic suggested by HAB chair in mid-2019</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> . <p>Framing Questions</p> <ul style="list-style-type: none"> . <p>HAB Products <i>(may include due dates)</i></p> <ul style="list-style-type: none"> . 		

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15	<p>Name: Groundwater Monitoring (under RCRA)</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting: Topic for Sep/Oct/Nov 2021 timeframe</p> <p>Other Notes: RAP request for an annual update</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> HAB value of protecting the Columbia River and the groundwater that flows into it. <p>Framing Questions</p> <ul style="list-style-type: none"> Define terms used in Executive Summary of 2019 Groundwater Monitoring Report Define the 4 or 5 different monitoring programs Define different cleanup levels (5 levels) Related to other workplan items #12, #14, #15, PFP, and annual groundwater monitoring report. Link to CA/CIE Where are the wells? Cumulative/site-wide information Deep vadose zone contamination <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		
16	<p>Name: Hanford Site Five-Year Plan "Placemat"</p> <p>Key upcoming dates: Tuesday, January 26 BCC meeting has this topic on the agenda</p> <p>Public Comment Period:</p> <p>Next meeting:</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> This vision document is the framework for the BCC cleanup priorities advice. Unless the updated Five-Year Plan is presented at the December 2020 HAB meeting, the BCC advice could be delayed <p>Framing Questions</p> <ul style="list-style-type: none"> When will this be updated? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		

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17	<p>Name: M-91</p> <p>Key upcoming dates: Ecology indicated that this topic would be ripe for discussion in February 2021</p> <p>Public Comment Period:</p> <p>Next meeting: April 2021 meeting to receive recommendation from IM team on additional RAP work on this topic</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> • . <p>Framing Questions</p> <ul style="list-style-type: none"> • When will shipments of waste resume to WIPP? <p>HAB Products <i>(may include due dates)</i></p> <ul style="list-style-type: none"> • . 	Shelley Cimon Larry Haler Vince Panesko	
18	<p>Name: Orphan Waste</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> • . <p>Framing Questions</p> <ul style="list-style-type: none"> • Where does it go? (e.g., filters) • Vitrified waste (not from Waste Treatment Plant) – German logs and test logs in PUREX Tunnel 2 (special-case waste with no identified disposal path) • Other wastes (cesium/strontium capsules, TSCR columns, 291-B HEPA filters, Soils contaminated with High-Level Waste) <p>HAB Products <i>(may include due dates)</i></p> <ul style="list-style-type: none"> • . 		

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19	<p>Name: Plutonium Finishing Plant (PFP)</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> • . <p>Framing Questions</p> <ul style="list-style-type: none"> • Below grade new response comments and plan • Demolition status • Slab sampling status and schedule • Grouting/TCRA status • Update on PFP “rubble” pile. Is it a potential contamination source of concern? <p>HAB Products <i>(may include due dates)</i></p> <ul style="list-style-type: none"> • . 		
20	<p>Name: RASCAL</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting:</p> <p>Other Notes: Requested by RAP vice chair in November 2020</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> • . <p>Framing Questions</p> <ul style="list-style-type: none"> • . <p>HAB Products <i>(may include due dates)</i></p> <ul style="list-style-type: none"> • Possible draft advice. 		

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21	Name: Recovery Mode Process Plan Key upcoming dates: Public Comment Period: Next meeting: Other Notes: Requested by a RAP member in September 2020	Policy Issue(s) <ul style="list-style-type: none"> . Framing Questions <ul style="list-style-type: none"> How to start back up safely How are projects weighted when deciding what to begin in Phase 2 remobilization? HAB Products (may include due dates) <ul style="list-style-type: none"> . 		
22	Name: Response to RAP Advice Key upcoming dates: Public Comment Period: Next meeting:	Policy Issue(s) <ul style="list-style-type: none"> . Framing Questions <ul style="list-style-type: none"> . HAB Products (may include due dates) <ul style="list-style-type: none"> #303: 100 BC #306: Aging Structures #308: B Plant (DOE response received March 2021) 		
23	Name: River Corridor Treatment - 300 Area SF05 and 100K Key upcoming dates: Public Comment Period: Next meeting:	Policy Issue(s) <ul style="list-style-type: none"> Two promising remediation/treatment methods are being run. RAP would like annual updates. Framing Questions <ul style="list-style-type: none"> 100-K – Using the existing pump and treat system, unsaturated soils are being flushed with clean water to clean out hexavalent chromium 300 Area uranium sequestration – chemicals were injected at and above the water table to create a time release capsule for uranium in soils. It has been over a year since the injections stopped. What are the results? HAB Products (may include due dates) <ul style="list-style-type: none"> . 		

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24	Name: SW-2 Key upcoming dates: Public Comment Period: Ends Nov 4, 2020 Next meeting:	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none">• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		
25	Name: T Plant Key upcoming dates: Public Comment Period: Ends Nov 4, 2020 Next meeting:	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none">• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		
26	Name: Technical Impracticability (TI) on Iodine on the Central Plateau Key upcoming dates: Public Comment Period: TI waivers have to go out with Proposed Plan for public comment Next meeting:	Policy Issue(s) <ul style="list-style-type: none">• . Framing Questions <ul style="list-style-type: none">• Questions about iodine and technetium – are there reports that provide an over-arching picture of these isotopes?• . HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none">• .		

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27	<p>Name: Waste Encapsulation Storage Facility (WESF)</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting: Last briefing at RAP meeting on February 9, 2021</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> . <p>Framing Questions</p> <ul style="list-style-type: none"> Update on fabrication of equipment. FY2023 budget request numbers (track) <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . 		
28	<p>Name: <i>insert topic name</i></p> <p>Key upcoming dates: <i>insert key HAB/committee meeting, committee or IM conference call, or public meeting dates</i></p> <p>Public Comment Period: <i>insert dates and link to fact sheet or website, if appropriate</i></p> <p>Next meeting: <i>indicate what meeting this topic will be discussed, and time needed</i></p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> . <p>Framing Questions</p> <ul style="list-style-type: none"> . <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> . <p><i>Keep this short/concise (not a laundry list) and focused on</i></p> <ul style="list-style-type: none"> Identifying policy-level issues related to the topic What information is needed to understand the topic to inform HAB work on this issue related to the policy-level issues What product(s) the HAB intends to produce related to this topic 		